

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

STARLING, L. Brian and STEPHAN, James E.

Int'l. Serial No.: PCT/US00/18712

Int'l. Filing Date: 07 July 2000

Priority Date: 08 July 1999

For: "CALCIUM-CONTAINING  
STRUCTURES AND METHODS OF  
MAKING AND USING THE SAME"

Atty. File No.: 4141-2-PUS

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE  
STATEMENT

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Dear Sir:

Pursuant to Applicants' duty of disclosure under 37 CFR § 1.56 and 37 CFR §§ 1.97-1.98, Applicants hereby provide a copy of each of the documents identified on the enclosed PTO Form 1449. Applicants do not admit that any of such documents, alone or in any combination, are considered to be material to patentability as defined in 37 CFR § 1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicants that each such document is prior art as to the above-identified patent application.

Respectfully submitted,

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Date: April 27, 2002

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4141-2-PUS	SERIAL NO. 10/030,578
	APPLICANT STARLING et al.	
	FILING DATE	GROUP ART

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	5,922,025	7/13/99	HUBBARD	623	11	
	2	5,538,887	7/23/96	PEINDHL ET AL.	435	240.243	
	3	5,525,148	6/11/96	CHOW ET AL.	106	35	
	4	5,510,262	4/23/96	STEPHANOPOULOS ET AL.	435	240.23	
	5	5,492,822	2/20/96	LANGE, III ET AL.	435	196	
	6	5,480,827	1/2/96	GUILLEMIN ET AL.	435	240.23	
	7	5,422,340	6/6/95	AMMANN ET AL.	514	12	
	8	5,397,759	3/14/95	TOROBIN	502	415	
	9	5,324,519	6/28/94	DUNN ET AL.	424	426	
	10	5,273,964	12/28/93	LEMONS	514	2	
	11	5,262,320	11/16/93	STEPHANOPOULOS ET AL.	435	240.23	
	12	5,225,123	7/6/93	TOROBIN	264	43	
	13	5,192,324	3/9/93	KENNA	623	16	
	14	5,171,326	12/15/92	DUCHEYNE ET AL.	623	66	
	15	5,047,031	9/10/91	CONSTANTZ	606	77	
	16	5,045,201	9/3/91	DUBOIS ET AL.	210	502.1	
	17	4,987,068	1/22/91	TRÖSCH ET AL.	435	41	
	18	4,798,585	1/17/89	INOUE ET AL.	604	93	
	19	4,757,017	7/12/88	CHEUNG	435	204.23	
	20	4,661,407	4/28/87	HENDERSON	428	403	
	21	4,564,532	1/14/86	HENDERSON	427	2	
	22	4,448,884	5/15/84	HENDERSON	435	241	
	23	4,217,370	8/12/80	RAWLINGS ET AL.	426	98	
	24	3,875,273	4/1/75	MARTIN	264	43	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	25	WO 00/46147	8/10/2000	PCT				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	26	Looby et al., <i>Trends in Biotechnology</i> , 8:204-209, 1990.
	27	Park et al., <i>Biotechnology Bioengineering</i> , 41:25-34 1993
	28	Lee et al., Production of Biologicals from Animal Cells in Culture, R.E. Butterworth-Heinemann et al., eds. pp. 400-405, 1991
	29	Matsushita et al., "High Density Culture of Anchorage Dependent Animal Cells by Polyurethane Foam Packed Bed Culture Systems," <i>Applied Microbiology Biotechnology</i> , 35:159-64, 1991
	30	J.M Davis (ed.) <i>Basic Cell Culture</i> , (Cartwright and Shah), p. 78, Oxford University Press, New York 1994
	31	A. Tampieri, <i>J. Mat. Sci.: Matls in Med.</i> , Vol. 8, pp.29-37, 1997
	32	D. Wilcox, "Hollow and Solid Spheres and Microspheres: Science and Technology Associated With Their Fabrication and Application," <i>Materials Research Society Symposium Proceedings</i> , Vol. 372, 1995 (contents)
	33	Bio-Rad Bulletin No. 1115
	34	Hideki Aoki, in <i>Medical Applications of Hydroxyapatite</i> (contents)
	35	Sundaram et al., <i>J. of Liq. Chromatog.</i> 18(5), 925-939 (1995)

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